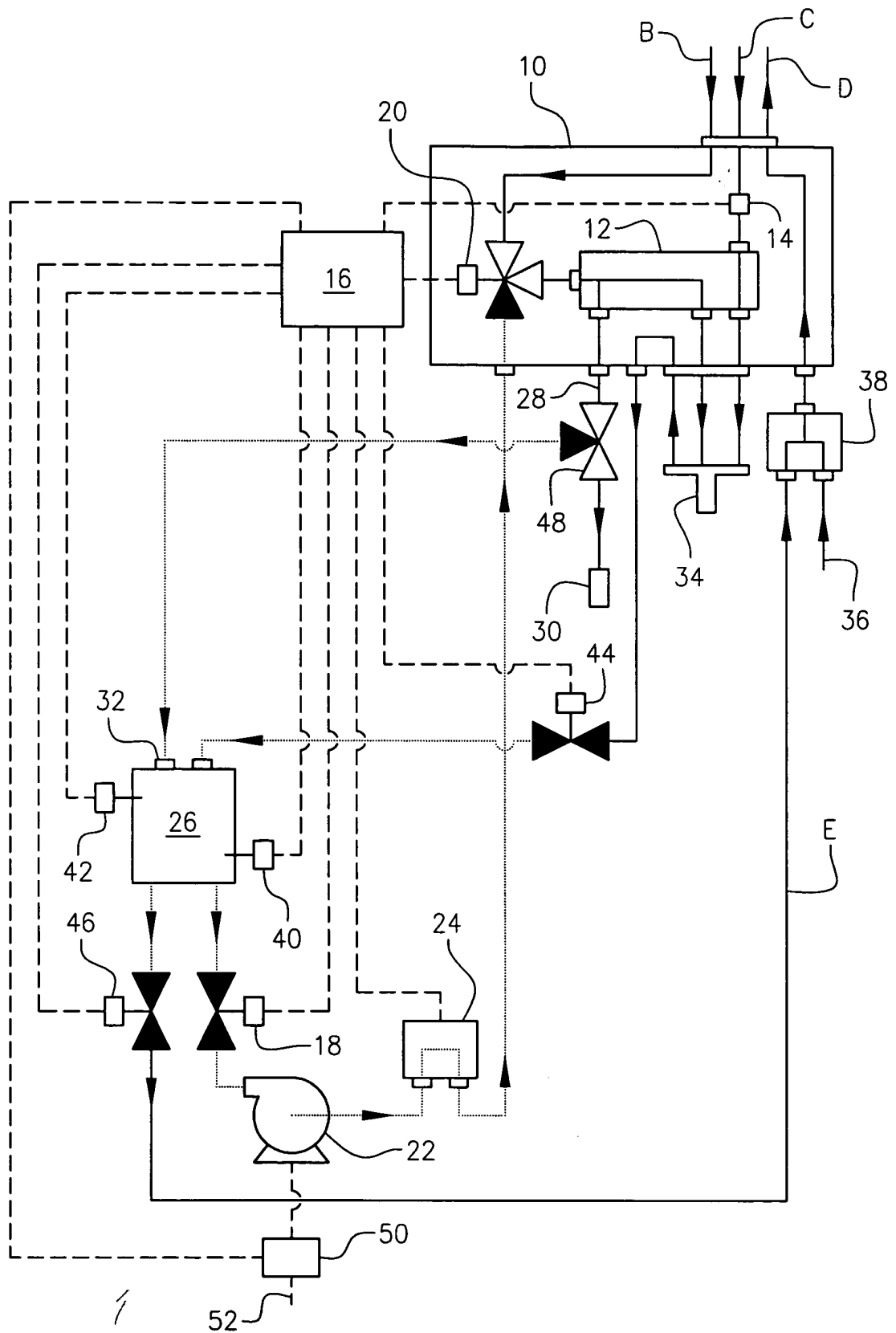
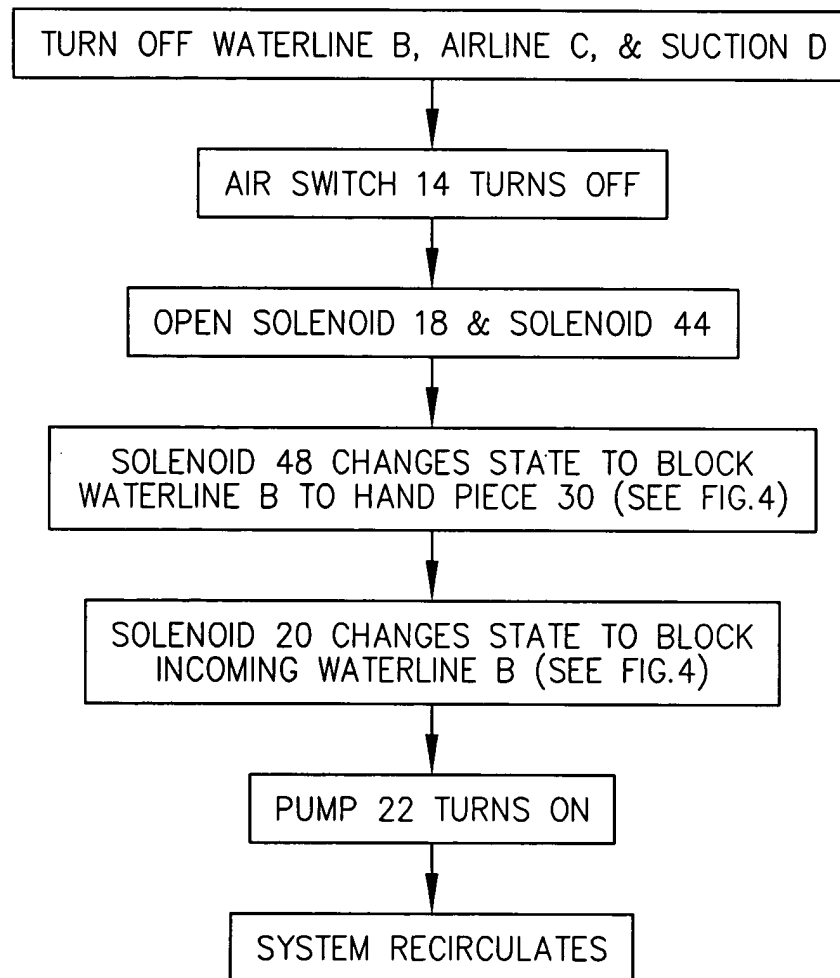


FIG. 1



**FIG. 2 (DAY USE)**



**FIG. 3**

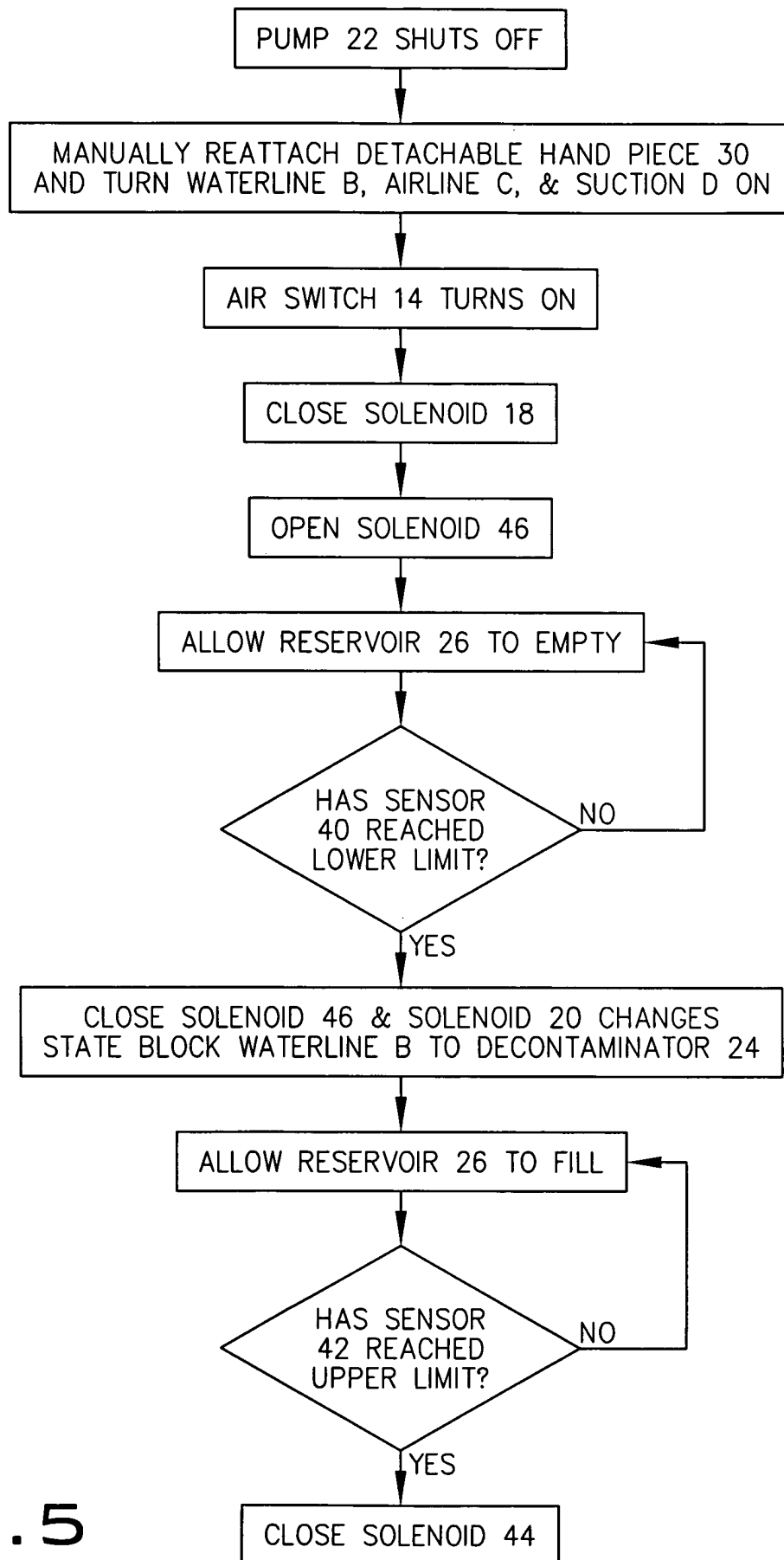
Applicant: *YATES, Davis*      Filed: *03/11/2004*      Atty. Doc. *1026.15*

The diagram illustrates a water treatment system with the following components and flow paths:

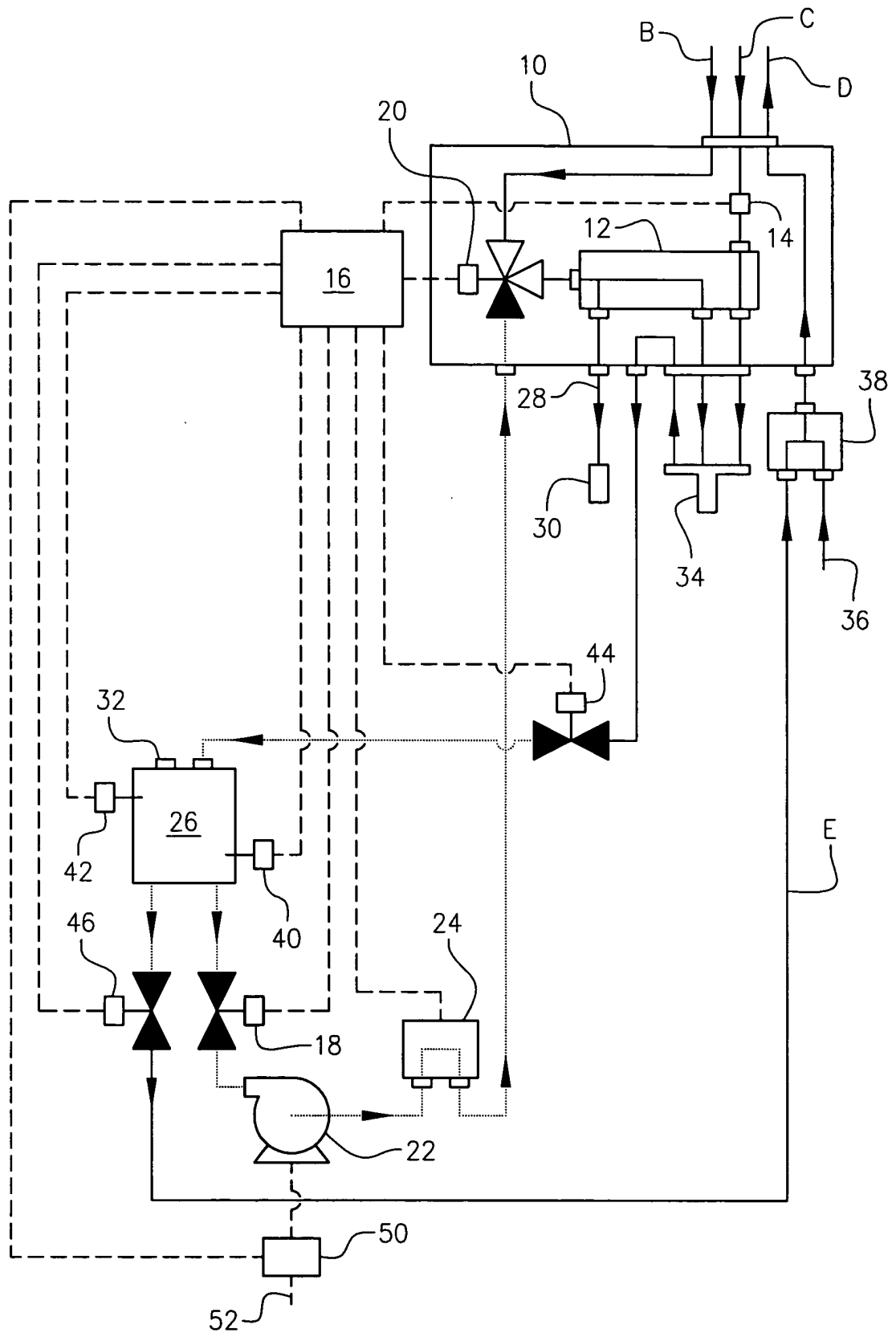
- 10**: A large rectangular tank or chamber at the top right.
- 20**: A horizontal pipe or channel passing through the middle of tank 10.
- 12**: A rectangular filter or membrane unit located within tank 10.
- 14**: A vertical pipe or channel on the right side of tank 10.
- 16**: A rectangular unit (possibly a pump or control unit) on the left side, connected to the system via dashed lines.
- 28**: A valve or pump symbol on a vertical pipe.
- 48**: A vertical pipe or channel below 28.
- 30**: A rectangular unit (possibly a filter or sensor) on a vertical pipe.
- 44**: A valve or pump symbol on a vertical pipe.
- 32**: A vertical pipe or channel on the left side.
- 26**: A rectangular unit (possibly a pump or control unit) on the left side, connected to the system via dashed lines.
- 42**: A vertical pipe or channel on the left side.
- 46**: A valve or pump symbol on a vertical pipe.
- 40**: A vertical pipe or channel on the left side.
- 18**: A vertical pipe or channel on the left side.
- 22**: A pump symbol at the bottom left.
- 24**: A rectangular unit (possibly a filter or sensor) on a vertical pipe.
- 34**: A vertical pipe or channel on the right side.
- 36**: A vertical pipe or channel on the right side.
- 38**: A rectangular unit (possibly a filter or sensor) on a vertical pipe.
- 50**: A rectangular unit at the bottom center.
- 52**: A vertical pipe or channel at the bottom.
- B, C, D**: Labels at the top right indicating different flow paths or stages.
- E**: A label on the right side indicating a specific flow path or stage.

The system features a complex network of pipes, valves, and pumps, with dashed lines indicating specific flow paths or control signals. The flow generally moves from the top right (tanks 10 and 14) through various filtration and pumping stages (28, 48, 30, 44, 32, 26, 42, 46, 40, 18, 22, 24) towards the bottom left (pump 22) and then through a final stage (50, 52) before exiting at the bottom.

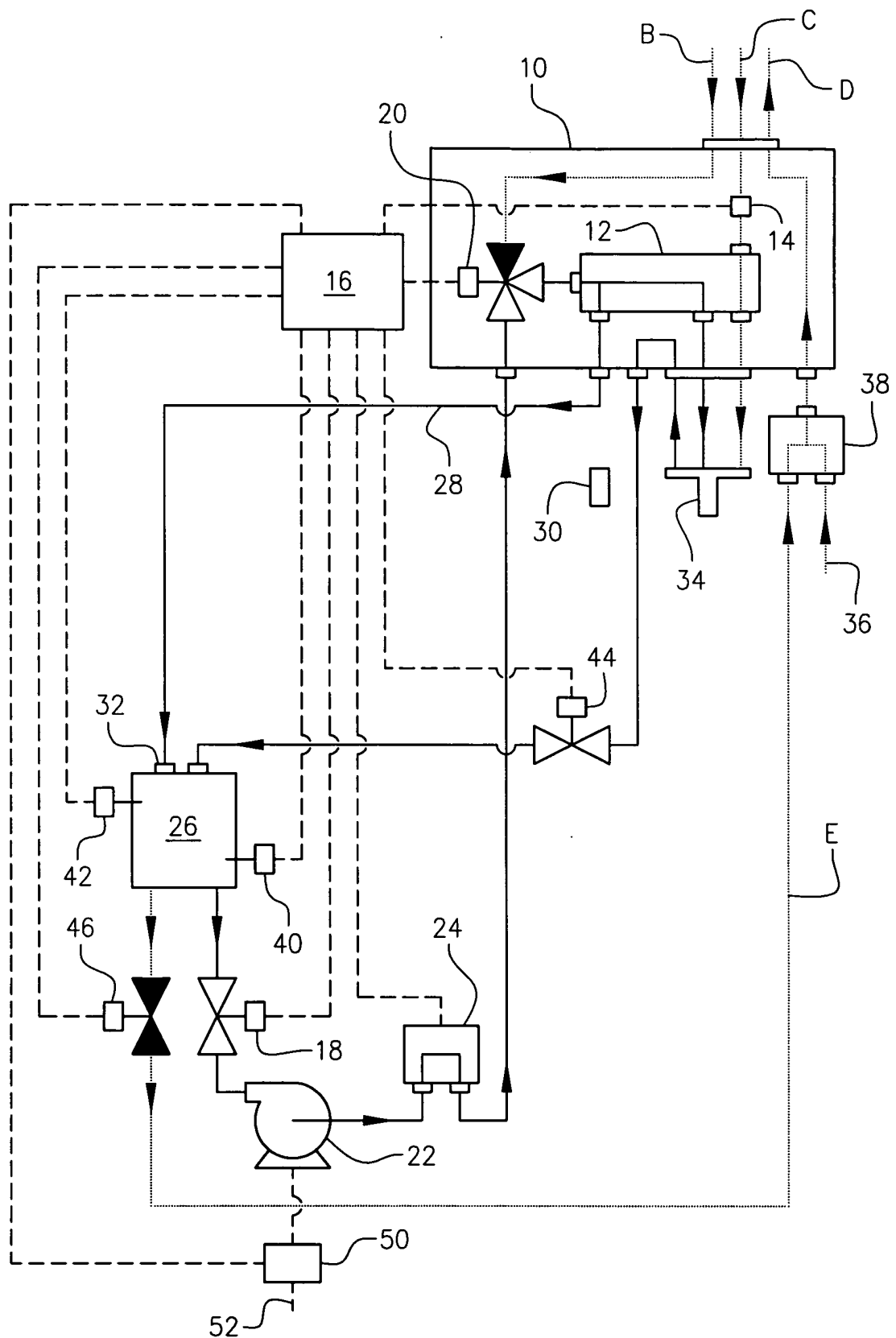
FIG.4 (NIGHT CLEANING)



**FIG. 5**



**FIG. 6 (ALT DAY USE)**



**FIG. 7 (ALT NIGHT CLEANING)**

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